



Table 3.4 NCDOT-ECU OBSI Data Collection Task Check List

OBSI Task Check List									
									
Organization : East Carolina University OBSI Research Team									
Date:									
Date and time of equipment calibration:									
Test site data									
Location:									
Year Constructed:					Lane location:				
Station Number:					Pavement Type:				
Environmental Conditions (Data taken Every 60.)									
	Recorded 1	Recorded 2 (if needed)	Retarded 3 (if needed)						
Air Temperature									
Road surface Temperature									
Tire Temperature									
Wind Speed									
Weather Condition									
Time									
Humidity									
Barometric Pressure									
Was any moisture present (Y/M)									
Pre trip check list									
Tire condition/ inflation						Yes	No		
Cold tires should be inflated to 30 psi. \pm 2psi						X			
Drive for 15 min. to get tires to normal operating temps.						X			
Drive for extra 10 miles, since SRTT Is new.						NA			
OBSI apparatus on vehicle									
3 inches from the pavement						X			
4 inches from the tire						X			
level and in constant spot on car						X			
Test Data									
Vehicle Speeds Tested within \pm 1 mph					Run 1	Run 2	Run 3		
Speed of vehicle									
Noise level measured in dBA					Run 1	Run 2	Run 3		
dB									
Mic Calibration/ Gain adjust value					Start reading			End reading	
Gain adjust values taken 1 hour before each test run and within one hour after each test run.					Mic 1				
					Mic 2				
					Mic 3				
					Mic 4				
Operators on site					Duties for test site				